

ACCEPTED FOR RECORD
FEB 3 1981

DAILY REPORT

11-7-81 Move in and rig up Hinson Service Co. Rig up swab tools and swab fluid level from 0' to 1500'. Rig up Southwest Surveys and run GR-CCL correlation log from 2810' (PBTD) to 1900' GL.

Perforate Chacra Formation using a 2-1/8" bi-wire glass-jet gun at 2772-79 and 2783-90 for a total of 14 holes. Made 4 swab runs and lowered fluid level to 2400'. Let well sit for 30 mins. Fluid level rose 400'. Swab well down to 2400' and let sit 30 mins. Fluid level rose 400' again. Well making substantial amounts of water with no show of gas. Rig down.

1-13-82 Moved in Cementers Inc. Plugged back Chacra Formation by using 4 sx cement followed by 2-7/8" wiper plug; displaced using 15 1/4 bbls. water.

Plan to test Upper Chacra Formation. If deemed productive, plan to complete well.

1-20-82 Moved in and rigged up Hinson Service Co. Swabbed well from 0' to 1800'. Rigged up Southwest Surveys. Perforated Upper Chacra intervals from 2400'-2444 and 2448'-2455; total of 11 shots, 1 SPF, using 2-1/8" bi-wire glass jet gun. Swabbed well down. Waited 20 mins.; swabbed. No show of gas or oil. No substantial amount of fluid entry.

1-21-82 No gas pressure on valve. Rigged up Cementers Inc. Pumped 250 gals. of 15% HCL and displaced with 11 bbls. water. Formation break down at 300#. Average pump rate 3 BPM at 400#. Due to icy roads Hinson Service Co. could not reach location. Will swab tomorrow. Rigged down Cementers Inc. Shut well in.

1-22 thru

1-24-82 Swabbing unit could not get to location due to icy roads.

1-25-82 Moved in and rigged up Hinson Service Co. Swabbed well down. No show of gas. Waited 20 min. Swabbed well down. No show of gas. Shut well in. Prep for stimulation.

1-29-82 SICP TSTM. Rig up Western Co. and foam fracture the Chacra Formation using 70% N₂ foam as follows:

5,000 gals foam pad
5,000 gals foam with 1 ppg 10-20 sand
10,000 gals foam with 2 ppg 10-20 sand
604 gals foam flush to bottom perforation.

Dropped 5 RCN ball sealers at 2500 gals into 2 ppg stage with no significant pressure increase.

Total fluid: 147 bbls fresh water; 36 gals frac foam, 159,550 scf N₂
Total Sand: 25,000# 10-20 mesh. Treating pressure: Max ±2700 psi,
Min 2500 psi, Ave ±2500 psi. ISDP ±1200 'si; 7-minute shut-in 1100 psi.
Ave. Injection rate ±20 bpm

Opened well up thru 4" choke to atmosphere at 10:45 a.m.